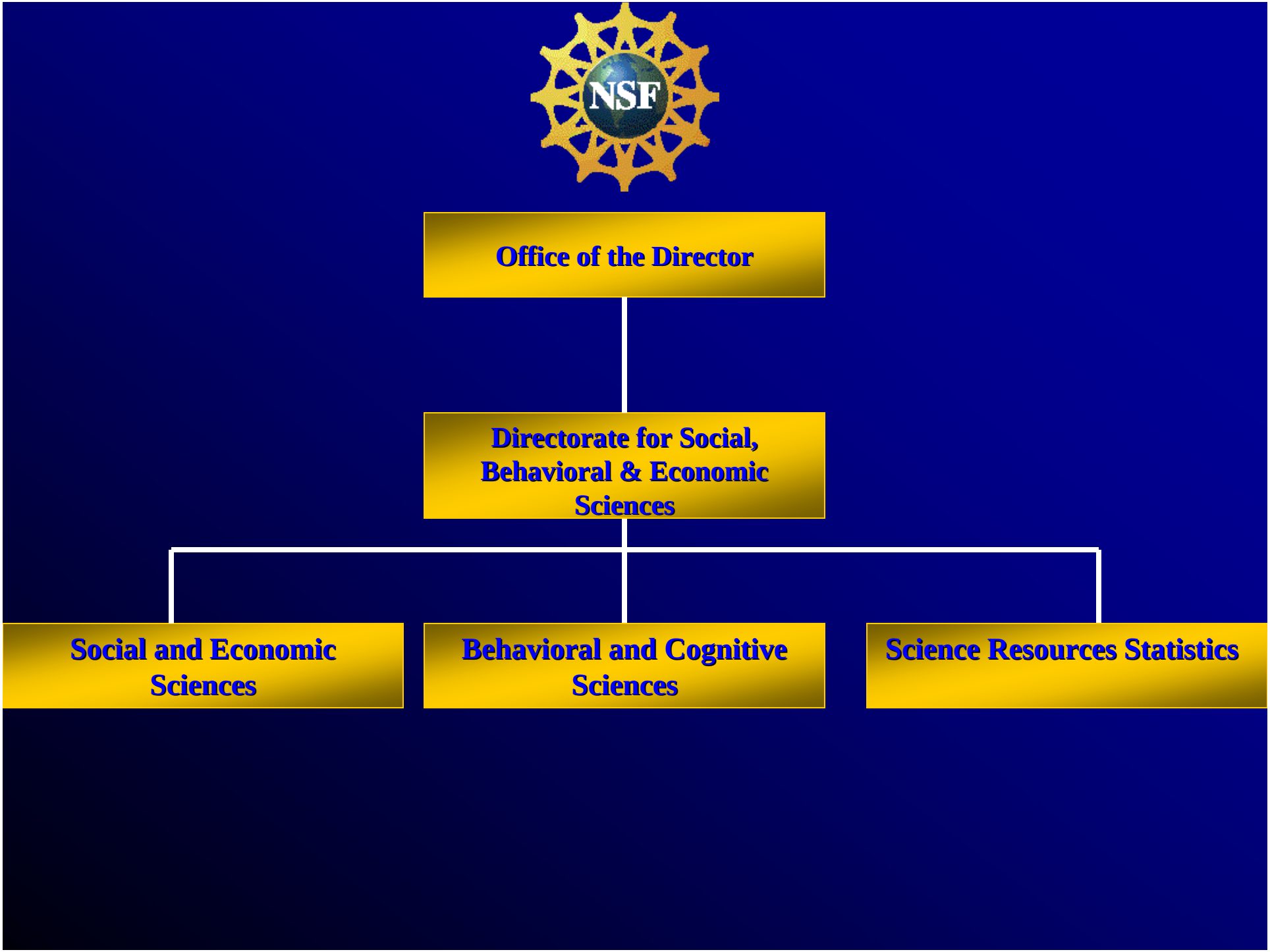
NSF SUPPORT OF THE SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES

Dr. Brian D. Humes

Directorate for Social, Behavioral, and Economic Sciences

Division of Social and Economic Sciences

National Science Foundation


Office of the Director
Directorate for Social, Behavioral & Economic Sciences
Social and Economic Sciences
Behavioral and Cognitive Sciences
Science Resources Statistics

Division of Social and Economic Sciences (SES)

- Supports research to develop and advance scientific knowledge focusing on economic, legal, political and social systems, organizations, and institutions
- Supports research on the intellectual and social contexts that govern the development and use of science and technology

Social and Economic Sciences

FY06 Program Allocations

• Cross-Directorate Activities	$3.5M
• Decision, Risk, & Management Sciences	$6.2M
• Economics	$22.7M
• Innovation and Organizational Change	$2.2M
• Law and Social Science	$4.2M
• Methodology, Measurement & Statistics	$3.6M
• Political Science	$7.2M
• Science and Society	$7.6M
• Sociology	$7.1M

SES Target Dates

January 15 & August 15

- Economics
- Law and Social Science
- Methodology, Measurement & Statistics
- Political Science
- Sociology

January 18 & August 18

- Decision, Risk, & Management Sciences

February 1 & August 1

- Science and Society

February 2

- Innovation and Organizational Change

Division of Behavioral and Cognitive Sciences

- Supports research to develop and advance scientific knowledge focusing on human cognition, language, social behavior, and culture
- Supports research on the interactions between human societies and the physical environment

Behavioral and Cognitive Sciences

FY05 Program Allocations

• Archaeology & Archaeometry	$6.4M
• Cultural Anthropology	$3.4M
• Cognitive Neuroscience	$7.1M
• Developmental & Learning Sciences	$7.0M
• Geography & Regional Science	$6.2M
• Linguistics	$8.1M
• Perception, Action, & Cognition	$6.5M
• Physical Anthropology	$3.8M
• Social Psychology	$5.5M

BCS Target Dates

December 1 & July 1

- Archaeology & Archaeometry
- Physical Anthropology

January 1 & August 1

- Cultural Anthropology

January 15 & July 15

- Cognitive Neuroscience
- Developmental & Learning Sciences
- Human Cognition & Perception
- Linguistics
- Social Psychology

January 15 & August 15

- Geography & Regional Science

Doctoral Dissertation Improvement Awards

Small grants to provide funds for items not normally provided through the student's institution

- Archaeology
- Cultural Anthropology
- Decision, Risk, & Management Science
- Economics
- Geography & Regional Science
- Law and Social Science
- Linguistics
- Physical Anthropology
- Political Science
- Science and Society
- Sociology

Science of Science Innovation and Policy (SciSIP)

- Deadline: May 22, 2007
- Current Topics
  - Analytical Tools
  - Model Building
- Contact: Kaye Husbands Fealing (khusband@nsf.gov)

Behavioral & Cognitive Sciences

Scientific Basis of Individual and Team Innovation and Discovery

- Cognitive scientists, social psychologists and engineers discussed the psychological study of science and engineering
- Frontiers of collaborative research include:
  - Memory and analogy mechanisms in creative design
  - Computational models of creativity
  - Models of synergy between individuals and teams
  - Ways to build more innovative teams
  - Management and leadership in innovation and creativity
  - Impact of disciplinary cultures on transformative work

Social & Economic Sciences

Social Organization of Science and Science Policy

- Social scientists examined the organization and political, economic and social contexts in which science and science policy succeed or flounder
- Understanding interrelationships in the national innovation system
  - How intellectual, social and physical organization influence creativity and innovation
  - How scientific knowledge and expertise influence policy and decisions
  - How global changes in economic, political, and social relationships influence the production and uses of science and technology
  - How changes in science and technology influence patterns of globalization and well being

Science Resources Statistics

Advancing Measures of Innovation

- Improve comparability, scope, relevance and availability of data
  - Redesign surveys
  - Improve data sample frames, links and aggregability
  - Map the globalization and capitalization of R&D
  - Collaborate with other Federal agencies on R&D and innovation metrics
  - Collaborate with OECD, UNESCO et al, to improve the international comparability of workforce and mobility data
  - Utilize new cyberinfrastructure-based data extraction, matching and manipulation techniques

FOUNDATION-WIDE PRIORITY AREAS

- Cyberinfrastructure
- Human and Social Dynamics
- International Polar Year
- Nanoscale Science and Engineering


National Science Foundation
Where
Discoveries
Begin
NSF